DEPARTMENT OF PHYSICS

Integrated BS-Physics/PSM-Nanoscience Degree Program

The Integrated BS-Physics/PSM-Nanoscience Degree Program is for undergraduates who have a strong academic background and who are highly motivated to perform independent projects, either in research or in a more applied context.

Integrated BS-Physics/PSM-Nanoscience Degree Program students must complete all requirements for the Bachelor's degree in Physics and all the requirements for the PSM degree in Nanoscience. Students are considered undergraduates until they complete all BS-Physics requirements with a minimum GPA of 3.2 within one year of being admitted to the BS-Physics/PSM-Nanoscience degree program. When the undergraduate degree requirements have been completed and the student graduates with the BS-Physics degree, the Department of Physics will notify the Graduate College, activating the PSM-Nanoscience application and changing the student to a graduate student.

The Integrated BS-Physics/PSM-Nanoscience Degree Program consists of 141 credit hours, with 9 credits (each course below is 3 credits) shared as outlined below:

Fall of Senior Year:	NAN/PHY 511/MSE 526	Materials Physics I
Spring of Senior Year:	NAN/PHY 512/MSE 527	Materials Physics II
	NAN/PHY/CHM 544	Introduction to Nanoscience

Students submit an interactive Program of Study (iPOS) for PSM-Nanoscience *before* graduating with the BS-Physics. The iPOS must be comprised of at least 30 semester hours and include:

- A maximum of 9 shared credit hours as outlined above
- At least 18 credit hours in 500-level Nanoscience-related courses (4+1 students may count their shared credits toward this requirement)
- 4 credit hours of NAN 591: Professional Seminar
- 6 credit hours of NAN 593: Applied Project
- 2 credit hours of either NAN 505: Nanoscience and Society OR NAN 506: Innovation and IP Management

Students must complete all PSM-Nanoscience requirements with at least a 3.0.

The student's 3-person Supervisory Committee and Applied Project Advisor monitor and determine student progress. Students are required to prepare and defend a poster (typically based on the Applied Project). Student who have **not** completed the BS-Physics degree will be evaluated by their Supervisory Committees and may be transferred back to the undergraduate student status or may be dismissed from the BS-Physics/PSM-Nanoscience program if all requirements are not met, including enrolling in coursework required by the student's iPOS.

For further information including eligibility, admission requirements, an example program of study, and the pre-application form are located on the PSM-Nanoscience Website.